

**(DRAFT) Agenda for the IAPWS Working Group
Industrial Requirements and Solutions (IRS)
Stockholm, Sweden, 29 June - 2 July 2015**

(Numbering of topics follows TPWS agenda)

1. Opening Remarks; Adoption of Agenda
2. Appointment of Clerk of Minutes
3. OPAL Web Space for Working Material for WGs TPWS, IRS, and SC SW, joint with WG TPWS and SC SW (H.-J. Kretzschmar)
4. Potential International Collaborative Projects
5. Industrial Requirements and Solutions for Steam Property Calculations, joint with WG TPWS
 - 5.1 Report of the Task Group “Industrial Advisory Note” (M. Hiegemann, B. Rukes, A. Singh, A. Harvey)
6. Proposal for an IAPWS Guideline on the Fast Calculation of Steam and Water Properties in Computational Fluid Dynamics Using Spline Interpolation, joint with WG TPWS
 - 6.1 Report of proposers (H.-J. Kretzschmar, M. Kunick, J. Hrubý, M. Duška, V. Vinš, F. di Mare, A. Singh)
 - 6.2 Report of Evaluation Task Group (A. Novy)
 - 6.3 Formal consideration of Guideline by the Working Groups
7. Heavy Water Properties, joint with WG TPWS
 - 7.1 Report of Task Group on Heavy Water Thermodynamic Properties (R. Span, A. Harvey, S. Herrig)
 - 7.2 Report of TG for Heavy Water Transport Properties
8. Report of Task Group on Surface Tension of Ordinary Water, joint with WG TPWS and SC SW (V. Vinš, A. Harvey, O. Hellmuth, V. Holten, J. Hrubý, J. Kalova, R. Mareš)
11. Metastable Water, joint with WG TPWS and SC SW
 - 11.1 ... 11.6 WG TPWS and SC SW topics
 - 11.7 Report of Task Group on Superheated liquid water, joint with WG TPWS and SCSW (H.-J. Kretzschmar)
 - 11.8 WG TPWS and SC SW topics
12. Report of Task Group on Extension of Range of Formulation for Thermodynamic Properties of Sea Water, joint with WGs TPWS and SC SW (R. Feistel)

16. Reports on miscellaneous TPWS scientific topics, joint with WG TPWS
 - 16.1 Thermophysical property research at Helmut-Schmidt-University in Hamburg (K. Meier)
 - 16.2 A comparative study of $P_s(T)$ models for H₂O in the critical region (E. E. Ustyuzhanin, V. F. Ochkov)
 - 16.3 Online calculation from IAPWS formulations (V. Ochkov, K. Orlov)
 - 16.4 Innovative concept for fluid property approximations (M. Hiegemann)
17. Joint session with WG TPWS and WG PCAS
 - 17.1 Report of Task Group on Transport Properties of Seawater, joint with SC SW and WG TPWS (A. Anderko, A. Harvey)
 - 17.2 ... 17.6 WG TPWS and WG PCAS topics
18. IAPWS Certified Research Needs (ICRNs)
20. Other Business
 - 20.1 Report on International Collaborative Projects
21. Membership
22. Contribution to Press Release
23. Preparation of the Formal Motion to the EC
24. Adjournment

2015-June-22

Ingo Weber (Chair)